**Holding Time** 7 Days to Extract

GC/ECD Instrument

Recommended Container

1 Liter Amber B.R.

Units ug/L

Parameter	CAS #	PQL	MDL	PQL	MDL
Aroclor 1016	12674-11-2	0.01	0.00201		
Aroclor 1221	11104-28-2	0.01	0.005		
Aroclor 1232	11141-16-5	0.01	0.00238		
Aroclor 1242	53469-21-9	0.01	0.0033		
Aroclor 1248	12672-29-6	0.01	0.00156		
Aroclor 1254	11097-69-1	0.01	0.00201		
Aroclor 1260	11096-82-5	0.01	0.0011		

Item No. 0004AB & 0006AB

**Method Name** PCB's by GC (Soil or Sediment)

**Method Number** SW8082 **Extraction** SW3550 Method Level Standard Solid Matrix Preservative Cool 4 C

**Holding Time 14 Days to Extract** 

Instrument GC/ECD

Recommended

4 oz. Soil Jar Container

Units mg/kg

Parameter	CAS #	PQL	MDL	PQL	MDL
Aroclor 1016	12674-11-2	0.1	0.011		
Aroclor 1221	11104-28-2	0.1	0.0471		
Aroclor 1232	11141-16-5	0.1	0.0376		
Aroclor 1242	53469-21-9	0.1	0.0201		
Aroclor 1248	12672-29-6	0.1	0.05		
Aroclor 1254	11097-69-1	0.1	0.0156		
Aroclor 1260	11096-82-5	0.1	0.0156		

0007AA & 0007AB \* This is an extraction method & does not Item No.

have detection limits associated with it.

Extraction Method

TCLP/SPLP Zero Head Space Extraction EPA 1311/1312

Item No. **AA8000** 

**Method Name** Metals by ICP (Water) - Standard

**Method Number E200.7 Extraction** SW3005 Method

Level Standard Matrix Water

**Preservative** HNO3 - pH<2 **Holding Time** 6 Months

**ICP - PE OPTIMA 3200DV** Instrument

Recommended Container

250 ml HDPE

Units mg/L

**Method Name** Metals by ICP-MS (water)

**Method Number SW6010** 

**Extraction** 

SW3005

Method

Level Low Matrix water

**Preservative** HNO3 - pH<2, Cool 4 C

**Holding Time** 6 Months **ICPMS Instrument** 

Recommended

250 ml HDPE Container

Units mg/kg

<u> </u>	ilig/ kg				
Parameter	CAS #	PQL	MDL	PQL	MDL
Aluminum	742-99-05	0.1	0.01036		
Antimony	7440-36-0	0.05	0.003195		
Arsenic	7440-38-2	0.01	0.003919		
Barium	7440-39-3	0.005	0.00106		
Beryllium	7440-41-7	0.002	0.000809		
Boron	7440-42-8	0.2	0.040269		
Cadmium	7440-43-9	0.005	0.001444		
Calcium	7440-70-2	1	0.006141		
Chromium	7440-47-3	0.01	0.008349		
Cobalt	7440-48-4	0.005	0.001357		
Copper	7440-50-8	0.01	0.003923		
Iron	7439-89-6	0.1	0.020245		
Lead	7439-92-1	0.01	0.005395		
Magnesium	7439-95-4	1	0.009973		
Potassium	7440-09-7	1	0.048669		
Silver	7440-22-4	0.01	0.001999		
Sodium	7440-23-5	1	0.725311		
Vanadium	7440-62-2	0.01	0.002743		
Zinc	7440-66-6	0.01	0.006299		

Item No. 0008AB

Metals by ICP-MS (Soil or Sediment) **Method Name** 

**Method Number** SW6010

**Extraction** SW3005 Method

Level Low
Matrix Solid
Preservative Cool 4 C
Holding Time 6 Months
Instrument ICPMS

Recommended Container

4 oz. Soil Jar

Units mg/kg

	···ə/ ··ə				
Parameter	CAS #	PQL	MDL	PQL	MDL
Aluminum	742-99-05	5	2.5		
Antimony	7440-36-0	5	2.5		
Barium	7440-39-3	5	2.5		
Beryllium	7440-41-7	5	2.5		
Cadmium	7440-43-9	1	0.3		
Calcium	7440-70-2	5	2.5		
Chromium	7440-47-3	1	0.3		
Cobalt	7440-48-4	5	2.5		
Copper	7440-50-8	15	15		
Iron	7439-89-6	5	2.5		
Lead	7439-92-1	1	0.5		
Magnesium	7439-96-5	5	2.5		
Manganese	7439-96-5	5	2.5		
Nickel	7440-02-0	5	2.5		
Potassium	7440-09-7	5	2.5		
Silver	7440-22-4	1	0.2		
Sodium	7440-23-5	5	2.5		
Vanadium	7440-62-2	5	2.5		
Zinc	7440-66-6	30	15.0		

Item No. 0009AA & 0010AA

Method Name Metals by ICP-MS (Water) - Low

Method Number AA/SW6020

Extraction SW3005 Method

Level Low Matrix Water

Preservative HNO3 - pH<2
Holding Time 6 Months
Instrument ICPMS

Recommended Container 250 ml HDPE

Units mg/L

Parameter	CAS #	PQL	MDL	PQL	MDL
Aluminum	742-99-05	0.01	0.002		
Antimony	7440-36-0	0.003	0.0000224		
Arsenic	7440-38-2	0.001	0.0001086		
Barium	7440-39-3	0.001	0.0000054		

Beryllium	7440-41-7	0.0005	0.0000142	
Cadmium	7440-43-9	0.0005	0.0000071	
Calcium	7440-70-2	0.001	0.0000144	
Chromium	7440-47-3	0.001	0.0000354	
Cobalt	7440-48-4	0.0005	0.0000039	
Copper	7440-50-8	0.001	0.0000144	
Iron	7439-89-6	0.001	0.0000144	
Lead	7439-92-1	0.0005	0.0000045	
Magnesium	7439-96-5	0.001	0.0000144	
Manganese	7439-96-5	0.0005	0.0000084	
Nickel	7440-02-0	0.001	0.0000283	
Potassium	7440-09-7	0.001	0.0000144	
Selenium	7782-49-2	0.003	0.0003846	
Silver	7440-22-4	0.0005	0.000006	
Sodium	7440-23-5	0.001	0.0000144	
Thallium	7440-30-4	0.0005	0.0000056	
Vanadium	7440-62-2	0.001	0.000076	
Zinc	7440-66-6	0.003	0.0000327	

Item No. 0009AB & 0010AB

**Method Name** Metals by ICP-MS (Soil or Sediment)

**Method Number** AA/SW6020

**Extraction** 

SW3005 Method

Level Low Solid **Matrix** Cool 4 C **Preservative Holding Time** 6 Months Instrument **ICPMS** 

Recommended

4 oz. Soil Jar Container

ma/ka Units

Units	mg/kg				
Parameter	CAS #	PQL	MDL	PQL	MDL
Aluminum	742-99-05	10	2		
Antimony	7440-36-0	3	0.0224		
Arsenic	7440-38-2	1	0.1086		
Barium	7440-39-3	1	0.0054		
Beryllium	7440-41-7	0.5	0.0142		
Cadmium	7440-43-9	0.5	0.0071		
Calcium	7440-70-2	0.5	0.0142		
Chromium	7440-47-3	1	0.0354		
Cobalt	7440-48-4	0.5	0.0039		
Copper	7440-50-8	1	0.0144		
Lead	7439-92-1	0.5	0.0045		
Magnesium	7439-96-5	0.5	0.0142		
Manganese	7439-96-5	0.5	0.0084		
Nickel	7440-02-0	1	0.0283		

Potassium	7440-09-7	0.5	0.0142	
Selenium	7782-49-2	3	0.3846	
Silver	7440-22-4	0.5	0.006	
Sodium	7440-23-5	0.5	0.0142	
Thallium	7440-30-4	0.5	0.0056	
Vanadium	7440-62-2	1	0.076	
Zinc	7440-66-6	3	0.0327	

Item No. 0011AA

Mercury by CVAA (Water) **Method Name** 

**Method Number** E245.2, 7470, 7471

**Extraction** 

Method

Level Standard Matrix Water

**Preservative** HNO3 - pH<2 **Holding Time** 6 Months **Instrument CVAA** 

Recommended

250 ml HDPE Container

Units mg/L

Parameter	CAS #	PQL	MDL	PQL	MDL
Mercury	7439-97-6	0.0002	0.0000171		

Item No. 00011AB

**Method Name Mercury by CVAA in Solids (Soil or Sediment)** 

**Method Number** SW7471

**Extraction** 

SW7471

Method Level

Matrix

**Standard** Solid Cool 4 C 28 Days

**CVAA** 

**Holding Time Instrument** Recommended

Container

**Preservative** 

4 oz. Soil Jar

Units mg/kg

Parameter	CAS #	PQL	MDL	PQL	MDL
Mercury	7439-97-6	0.02	0.0131		

Item No. 0012AA

**Method Name** CYANIDE (water)

**Method Number EPA 335.3** 

**Extraction** Method

Level **Standard**  Matrix Water
Preservative Cool 4 C
Holding Time 14 Days

**Instrument** 

Recommended Container

1 liter HDPE

Units mg/L

Parameter	CAS #	PQL	MDL	PQL	MDL
K Vanide Total	57-12-5	0.05	0.05		

Item No. 0012AB

Method Name CYANIDE (sediment or soil)

Method Number EPA 9010 or 9012

Extraction Method

Level Standard
Matrix Soil
Preservative Cool 4 C
Holding Time 14 Days

**Instrument** 

Recommended

Container 4 oz. Soil Jar

Units mg/kg

Parameter	CAS #	PQL	MDL	PQL	MDL
Cyanide, total			0.1		

Item No. 0013AA

Method Name Total Organic Carbon (TOC) (Water) - Standard

Method Number E415.1

Extraction Method

Level Standard Matrix Water

Preservative H2SO4 - pH<2

**Holding Time 28 Days** 

**Instrument** 

Recommended Container

125 ml HDPE

Units mg/L

Parameter	CAS #	PQL	MDL	PQL	MDL
TOC (total organic carbon)	E-10195	0.5	0.35		

Item No. 0013AB

**Method Name** Total Organic Carbon (TOC) (Sediment or Soil)

**Method Number** SW 9060

**Extraction Method** 

**Standard** Level Matrix Solid **Preservative** Cool 4 C **Holding Time** 28 Days

**Instrument** 

Container

Recommended

4 oz. Soil Jar

Units mg/Kg

Parameter	CAS #	PQL	MDL	MRL
TOC (total organic carbon)	E-10195	100	39.9	

Item No. 0015 **Method Name** Organotin

**Method Number Krone - Pore Water (interstitial)** 

**Extraction** 

Krone

Method Level

**Matrix Sediment Pore Water** 

**Preservative** Cool 4 C

**Holding Time 14 Days to Extract** Instrument **GCMS - Ion Trap** 

Recommended

1 liter Container

Units ug/L

Parameter	CAS #	PQL	MDL	PQL	MDL
Tetrabutyltin		0.003	0.00113		
Tributyltin		0.004	0.00138		
Dibutyltin		0.003	0.0011		
Monobutyltin		0.003	0.00078		

Item No. 0016

**Method Name** Organotins by GC/MS Ion Trap Full Scan (PSEP) Protocol

**Method Number Krone - Total Bulk** 

**Extraction** Method

Krone

Level Standard Matrix Sediment/Soil

**Preservative** Cool 4 C

**Holding Time 14 Days to Extract** Instrument **GCMS - Ion Trap** Recommended 4 oz. Soil Jar

## Container

Units ug/Kg

Parameter	CAS #	PQL	MDL	PQL	MDL
Tetrabutyltin	688-73-3	2	0.751		
Tributyltin	688-73-3	2.67	0.923		
Dibutyltin	688-73-3	2	0.731		
Monobutyltin	688-73-3	1.33	0.521		

Item No. **0017AA** Dioxin/furan **Method Name Method Number** SW8290

Extraction SW3510

Method

Level **Low Volume** 

Matrix Water **Preservative** Cool 4 C

**Holding Time** 7 Days to Extract Instrument **GCMS - Ion Trap** 

Recommended 125 ml Amber B.R. Container

Units Ppg (part per quadrillion)

onits Fpq (	part per q	uaar iiiioii	,	
Parameter	PQL	MDL	PQL	MDL
2,3,7,8 - TCDD	10.0	1.3		
Total TCDD	10.0	1.3		
1,2,3,7,8 - PeCDD	15.0	2.0		
Total PeCDD	20.0	5.5		
1,2,3,4,7,8 - HxCDD	12.0	1.7		
1,2,3,6,7,8 - HxCDD	12.0	1.6		
1,2,3,6,7,9 - HxCDD	11.0	1.5		
Total (other)HxCDD	12.0	1.7		
1,2,3,4,6,7,8-HpCDD	29.0	3.9		
Total (other) HpCDD	50.0	4.2		
OCDD	30.0	2.8		
2,3,7,8-TCDF	8.0	1.1		
1,2,3,7,8 - PeCDF	8.0	1.1		
1,3,4,7,8 - PeCDF	8.0	1.1		
Total (other) PeCDF	8.0	1.1		
1,2,3,4,7,8 - HxCDF	9.0	1.2		
1,2,3,6,7,8 - HxCDF	7.5	1.0		
2,3,4,6,7,8 - HxCDF	10.0	1.3		
2,3,6,7,8,9 - HxCDF	10.0	1.3		
Total (other) HxCDF	10.0	1.3		
1,2,3,4,6,7,8 - HpCDF	11.0	1.5		
1,2,3,4,7,8,9 - HpCDF	8.0	1.1		
Total (other) HpCDF	11.0	1.5		
OCDF	17.0	2.2		
1,2,3,7,8 - PeCDF	8.0	1.1		
Total (other) PeCDF  1,2,3,4,7,8 - HxCDF  1,2,3,6,7,8 - HxCDF  2,3,4,6,7,8 - HxCDF  2,3,6,7,8,9 - HxCDF  Total (other) HxCDF  1,2,3,4,6,7,8 - HpCDF  1,2,3,4,7,8,9 - HpCDF  Total (other) HpCDF  OCDF	8.0 9.0 7.5 10.0 10.0 11.0 8.0 11.0 17.0	1.1 1.2 1.0 1.3 1.3 1.5 1.1 1.5 2.2		

Item No. 0017AB
Method Name Dioin/furan
Method Number SW8290
Extraction

Method SW3510

Level Low Volume
Matrix Sediment
Preservative Cool 4 C

Holding Time 14 Days to Extract Instrument GCMS - Ion Trap

Recommended Container

8oz. Soil Jar

Units Pg/g

Parameter	PQL	MDL	PQL	MDL
2,3,7,8 - TCDD	1.0	0.13		
Total TCDD	1.0	0.13		
1,2,3,7,8 - PeCDD	1.5	0.20		
Total PeCDD	2.0	0.55		
1,2,3,4,7,8 - HxCDD	1.2	0.17		
1,2,3,6,7,8 - HxCDD	1.15	0.16		
) 1,2,3,6,7,9 - HxCDD	1.1	0.15		
Total (other)HxCDD	1.2	0.17		
1,2,3,4,6,7,8-HpCDD	2.9	0.39		
Total (other) HpCDD	3.0	0.42		
OCDD	5.0	2.8		
2,3,7,8-TCDF	0.80	0.11		
1,2,3,7,8 - PeCDF	0.80	0.11		
1,3,4,7,8 - PeCDF	0.80	0.11		
Total (other) PeCDF	0.80	0.11		
1,2,3,4,7,8 - HxCDF	0.90	0.12		
1,2,3,6,7,8 - HxCDF	0.75	0.10		
2,3,4,6,7,8 - HxCDF	1.0	0.13		
2,3,6,7,8,9 - HxCDF	1.0	0.13		
Total (other) HxCDF	1.0	0.13		
1,2,3,4,6,7,8 - HpCDF	1.1	0.15		
1,2,3,4,7,8,9 - HpCDF	0.80	0.11		
Total (other) HpCDF	1.1	0.15		
OCDF	1.7	0.22		
1,2,3,7,8 - PeCDF	0.80	0.11		

Item No. 0018 Method Name Physical

Soil Classification - ASTM D2487

Method Number Particle Size – ASTM D422

Hydrometer - ASTM D422 Particle Shape- ASTM 2488 Void Ratio- ASTM D653

Calculated Resuspended Density =  $\underline{\text{Wet wt. } X}$  100

(Vs) + (V H20)

Volatile Solids- ASTM D2216, D4643, D653

**Detection Limits N/A** 

Item No. 0019

**Method Name** Moisture Content

Method Number ASTMD2216

**Detection Limits** N/A

Item No. 0020AA

Method Name Chlorinated Herbicides by GC-MS (Water)

Method Number SW8151 Extraction SW3510 Method

Level Low Volume

Matrix Water Preservative Cool 4 C

Holding Time 7 Days to Extract
Instrument GCMS - Ion Trap
Recommended 125 ml Amber B.R.

Container 125 ml Amber B.R.

Units ug/L

Parameter	CAS #	PQL	MDL	PQL	MDL
2,4,5-T	93-76-5	0.16	0.0577		
2,4-D	94-75-7	0.08	0.0296		
2,4-DB	94-82-6	0.16	0.0577		
4-Nitrophenol	100-02-7	0.08	0.0114		
Dalapon	75-99-0	0.08	0.0124		
Dicamba	1918-00-9	0.08	0.0221		
Dichloroprop	126-36-5	0.08	0.0114		
Dinoseb	88-85-7	0.08	0.0292		
MCPA	94-74-6	0.08	0.0134		
MCPP	93-65-2	0.08	0.0114		
Pentachlorophenol	87-86-5	0.08	0.0259		
Silvex (2,4,5-TP)	93-72-1	0.08	0.0227		

Item No. 0020AB

Method Name Chlorinated Herbicides by GC-MS (Soil or Sediment)

Method Number SW8151
Extraction SW3550
Method Standard
Level Standard
Matrix Solid
Preservative Cool 4 C

Holding Time 14 Days to Extract Instrument GCMS - Ion Trap Recommended 4 oz. Soil Jar

Container

--

Units ug/kg

Parameter	CAS #	PQL	MDL	PQL	MDL
2,4,5-T	93-76-5	6.67	1.45		
2,4-D	94-75-7	6.67	0.55		
2,4-DB	94-82-6	6.67	0.935		
4-Nitrophenol	100-02-7	6.67	1.47		
Clopyralid	1702-17-6	6.67	1.87		
Dalapon	75-99-0	6.67	2.03		
Dicamba	1918-00-9	6.67	1.62		
Dichloroprop	126-36-5	6.67	0.71		
Dinoseb	88-85-7	6.67	0.55		
MCPA	94-74-6	6.67	1		
MCPP	93-65-2	6.67	1.82		
Pentachlorophenol	87-86-5	6.67	0.778		
Silvex (2,4,5-TP)	93-72-1	6.67	2.13		

Item No. 0021AA

Method Name Organophosphorus Pesticides by GC-MS (Water)

Method Number SW8141 Extraction SW3510

Method Level S

Level Standard Matrix Water Preservative Cool 4 C

Holding Time 7 Days to Extract Instrument GCMS - Ion Trap

Recommended Container

1 Liter Amber B.R.

Units ug/L

Parameter	CAS #	PQL	MDL	PQL	MDL
Azinphos,methyl	86-50-0	0.15	0.044		
Bolstar	35400-43-2	0.1	0.0311		
Chlorpyrifos	2921-88-2	0.15	0.0582		
Coumaphos	56-72-4	0.15	0.0852		
Demeton,o-s	8065-48-3	0.2	0.0701		
Diazinon	333-41-5	0.2	0.0616		
Dichlorvos	62-73-7	0.2	0.0785		
Dimethoate	60-51-5	0.5	0.17		
Disulfoton	298-04-4	0.15	0.0496		
EPN	2104-64-5	0.1	0.037		
Ethoprop	13194-48-4	0.3	0.108		
Fensulfothion	115-90-2	0.15	0.0496		
Fenthion	55-38-9	0.1	0.0311		

Malathion	121-75-5	0.2	0.0868
Merphos	150-50-5	0.15	0.0693
Mevinphos	7786-34-7	0.2	0.0592
Monocrotophos	6923-22-4	0.1	0.0277
Naled	300-76-5	0.2	0.0741
Parathion	56-38-2	0.15	0.044
Parathion, methyl	298-00-0	0.3	0.153
Phorate	298-02-2	0.15	0.0527
Ronnel	299-84-3	0.2	0.0854
Sulfotepp	3689-24-5	0.1	0.037
Tetrachlorvinphos	961-11-5	0.1	0.0311
Tokuthion	34643-46-4	0.15	0.0543
Trichloronate	327-98-0	0.1	0.0354

Item No. 0021AB

Method Name Organophosphorus Pesticides by GC-MS (Soil or Sediment)

Method Number SW8141
Extraction SW3550
Method Standard

Matrix Solid Preservative Cool 4 C

Holding Time 14 Days to Extract Instrument GCMS - Ion Trap

Recommended Container 4 oz. Soil Jar

Units ua/ka

onits ug/kg						
Parameter	CAS #	PQL	MDL	PQL	MDL	
Azinphos,methyl	86-50-0	6.67	2.55			
Bolstar	35400-43-2	6.67	2.33			
Chlorpyrifos	2921-88-2	10	2.71			
Coumaphos	56-72-4	10	4.62			
Demeton,O-S	8065-48-3	6.67	1.83			
Diazinon	333-41-5	20	8.2			
Dichlorvos	62-73-7	6.67	2.13			
Dimethoate	60-51-5	13.3	3.93			
Disulfoton	298-04-4	13.3	5.09			
EPN	2104-64-5	10	3.86			
Ethoprop	13194-48-4	10	4.02			
Fensulfothion	115-90-2	10	3.19			
Fenthion	55-38-9	10	3.66			
Malathion	121-75-5	10	3.84			
Merphos	150-50-5	20	7.89			
Mevinphos	7786-34-7	6.67	2.5			
Monocrotophos	6923-22-4	6.67	1.47			
Naled	300-76-5	20	6.87			
Parathion	56-38-2	6.67	2.29			

Parathion, methyl	298-00-0	10	2.64	
Phorate	298-02-2	10	2.66	
Ronnel	299-84-3	6.67	2.44	
Sulfotepp	3689-24-5	6.67	1.83	
Tetrachlorvinphos	961-11-5	6.67	1.56	
Tokuthion	34643-46-4	10	2.77	
Trichloronate	327-98-0	10	2.88	

Item No. 0022

**Method Name Elutriate Test** 

**Method Number USACE Tech Report d-86-4 Detection Limits** N/A (Extraction Method)

Item No. 0023

**Method Name** North West Diesel-Motor Oil Range Organics (Soil or Sediment)

**Method Number NWTPH-Dx** 

Extraction

SW3550 Method

Level **Standard** Matrix Solid Cool 4 C **Preservative** 

**Holding Time 14 Days to Extract** 

**Instrument** GC/FID

Recommended

4 oz. Soil Jar Container

Units mg/kg

	<i>J, J</i>				
Parameter	CAS #	PQL	MDL	PQL	MDL
#2 Diesel	68334-30-5	0.25	0.125		
Motor Oil		0.5	0.25		
Bunker C		0.5	0.25		

Item No. 0024 **Method Name Alkalinity** Method Number **EPA 310.1** Detection Limits 20 mg/L

Item No. 0025

**Method Name Biochemical Oxygen Demand** 

Method Number **EPA 405.1** Detection Limits 2.0 mg/L

Item No. 0026

**Method Name Chemical Oxygen Demand**  Method Number EPA 410.1

**Detection Limits N/A** 

Item No. 0027, 0032, 0033, 0034, 0035, 0039

**Method Name** Anions (Water)

**Method Number EPA 300** 

**Extraction** Method

Level Standard Matrix Water **Preservative** Cool 4 C **Holding Time** 28 Days Instrument LC

Recommended

125 ml HDPE Container

Units mg/L

Parameter	CAS #	PQL	MDL	PQL	MDL
Chloride	16887-00-6	0.3	0.02		
Nitrate	14797-55-8	0.03	0.001		
Nitrate\Nitrite	E-10128	0.06	0.001		
Nitrite	14797-65-0	0.03	0.001		
Phosphate	14265-44-2	0.15	0.001		
Sulfate	14808-79-8	0.3	0.01		

Item No. 0028 **Method Name** Color **Method Number EPA 110.2** 

**Detection Limits N/A** 

Item No. 0029

**Method Name** Conductivity Method Number **EPA 120.1 Detection Limits** 10 umhos/cm

Item No. 0030 **Method Name** Ammonia

**Method Number** EPA 350.1/350.2

Detection Limits 0.01 mg/L

Item No. 0031 **Method Name** Kjeldahl

EPA 351.1/351.3 Method Number

**Detection Limits 0.01 mg/L** 

Item No. 0036

Method Name Phosphorus, total

Method Number EPA 365.1 Detection Limits 0.001mg/L

Item No. 0037

Method Name Solids, Total Dissolved (TDS)

Method Number EPA 160.2 Detection Limits 5.0 mg/L

Item No. 0038

Method Name Solids, Total Suspended (TSS)

Method Number EPA 160.1 Detection Limits 5.0 mg/L

Item No. 0040

Method Name Sulfide (colorimetric-low level)

Method Number EPA 376.2 Detection Limits 0.05 mg/L

Item No. 0041
Method Name Turbidity
Method Number EPA 180.1
Detection Limits 0.1 NTU

Item No.0042Method NameE.ColiMethod NumberSM 9222Detection LimitsCounts/100ml

Item No. 0043

Method Name Fecal Coliform (Membrane Filter)

Method Number SM 9222 D
Detection Limits Counts/100ml

Item No. 0044

Method Name Iron Bacteria Method Number SM 9240 B

## **Detection Limits N/A**

Item No. 0045

Method Name Sulfur Bacteria Method Number SM 9240 B

**Detection Limits N/A** 

Item No. 0046

Method Name Emulation of iron or sulfur bacteria

Method Number SM 9240 D

**Detection Limits N/A** 

Item No. 0047

Method Name Hardness as CaCO3

Method Number EPA 130.2
Detection Limits 0.1 mg/L

Item No. 0048

Method Name Other tests that may be required

**Method Number Various** 

**Detection Limits** To be Determined

WAGE DETERMINATION NO: 94-2441 REV (20) AREA: OR, PORTLAND

\_\_\_\_\_\_

WAGE DETERMINATION NO: 94-2441 REV (20) AREA: OR, PORTLAND
REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
\*\*\*FOR OFFICIAL USE ONLY BY FEDERAL AGENCIES PARTICIPATING IN MOU WITH DOL\*\*\*

WASHINGTON D.C. 20210

| | Wage Determination No.: 1994-2441

William W.Gross Division of | Revision No.: 20
Director Wage Determinations | Date Of Last Revision: 05/30/2003

States: Oregon, Washington

Area: Oregon Counties of Clackamas, Clatsop, Columbia, Gilliam, Hood River, Marion, Multnomah, Polk, Sherman, Tillamook, Wasco, Washington, Yamhill Washington Counties of Clark, Cowlitz, Klickitat, Pacific, Skamania, Wahkiakum

\*\*Fringe Benefits Required Follow the Occupational Listing\*\* OCCUPATION CODE - TITLE MINIMUM WAGE RATE 01000 - Administrative Support and Clerical Occupations 01011 - Accounting Clerk I 9.02 01012 - Accounting Clerk II 11.04 01013 - Accounting Clerk III 13.12 01014 - Accounting Clerk IV 15.79 01030 - Court Reporter 14.84 01050 - Dispatcher, Motor Vehicle 14.84 01060 - Document Preparation Clerk 11.76 01070 - Messenger (Courier) 8.95 01090 - Duplicating Machine Operator 11.40 01110 - Film/Tape Librarian 11.96 01115 - General Clerk I 7.48 01116 - General Clerk II 8.81 01117 - General Clerk III 11.30 01118 - General Clerk IV 13.26 01120 - Housing Referral Assistant 15.65 01131 - Key Entry Operator I 10.33 01132 - Key Entry Operator II 12.73 01191 - Order Clerk I 10.97 01192 - Order Clerk II 13.66 01261 - Personnel Assistant (Employment) I 10.74 01262 - Personnel Assistant (Employment) II 12.35 01263 - Personnel Assistant (Employment) III 14.81 01264 - Personnel Assistant (Employment) IV 16.34 01270 - Production Control Clerk 17.13 01290 - Rental Clerk 12.05 01300 - Scheduler, Maintenance 13.00 01311 - Secretary I 12.22 01312 - Secretary II 14.64 01313 - Secretary III 15.36 01314 - Secretary IV 18.25 01315 - Secretary V 20.00 01320 - Service Order Dispatcher 13.00 01341 - Stenographer I 11.40

## DACW57-02-Q-0139 0006 Page 93 of 100

	- Stenographer II	13.00
	- Supply Technician	18.60
	- Survey Worker (Interviewer)	13.06
01460	- Switchboard Operator-Receptionist	11.40
	- Test Examiner	14.64
01520	- Test Proctor	14.64
01531	- Travel Clerk I	10.20
01532	- Travel Clerk II	11.11
01533	- Travel Clerk III	11.96
01611	- Word Processor I	11.40
01612	- Word Processor II	13.00
01613	- Word Processor III	14.84
03000 -	Automatic Data Processing Occupations	
	- Computer Data Librarian	11.31
	- Computer Operator I	11.74
	- Computer Operator II	13.57
	- Computer Operator III	15.70
	- Computer Operator IV	17.42
	- Computer Operator V	19.30
	- Computer Programmer I (1)	14.90
	- Computer Programmer II (1)	17.88
	- Computer Programmer III (1)	22.12
	- Computer Programmer IV (1)	27.23
	- Computer Systems Analyst I (1)	20.79
	- Computer Systems Analyst II (1)	25.26
	- Computer Systems Analyst III (1)	27.62
	- Peripheral Equipment Operator	12.00
	Automotive Service Occupations	12.00
05005	- Automotive Body Repairer. Fiberglass	17 42
	- Automotive Body Repairer, Fiberglass - Automotive Glass Installer	17.42 15.85
05010	- Automotive Glass Installer	15.85
05010 05040	- Automotive Glass Installer - Automotive Worker	15.85 15.85
05010 05040 05070	<ul><li>Automotive Glass Installer</li><li>Automotive Worker</li><li>Electrician, Automotive</li></ul>	15.85 15.85 16.58
05010 05040 05070 05100	<ul><li>Automotive Glass Installer</li><li>Automotive Worker</li><li>Electrician, Automotive</li><li>Mobile Equipment Servicer</li></ul>	15.85 15.85 16.58 14.24
05010 05040 05070 05100 05130	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic	15.85 15.85 16.58 14.24 17.42
05010 05040 05070 05100 05130 05160	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker	15.85 15.85 16.58 14.24 17.42 15.85
05010 05040 05070 05100 05130 05160 05190	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic	15.85 15.85 16.58 14.24 17.42 15.85 17.16
05010 05040 05070 05100 05130 05160 05190 05220	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40
05010 05040 05070 05100 05130 05160 05190 05220 05250	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31 11.47
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II - Dishwasher	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 13.76 17.42 8.47 12.43 10.31 11.47 7.91
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070 07130	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II - Dishwasher - Meat Cutter	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31 11.47 7.91 14.51
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070 07130 07250	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II - Dishwasher - Meat Cutter - Waiter/Waitress	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 13.76 17.42 8.47 12.43 10.31 11.47 7.91
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070 07130 07250	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II - Dishwasher - Meat Cutter - Waiter/Waitress Furniture Maintenance and Repair Occupations	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31 11.47 7.91 14.51 8.52
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070 07130 07250 09000 - 09010	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II - Dishwasher - Meat Cutter - Waiter/Waitress Furniture Maintenance and Repair Occupations - Electrostatic Spray Painter	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31 11.47 7.91 14.51 8.52
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070 07130 07250 09000 - 09010 09040	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook I - Cook II - Dishwasher - Meat Cutter - Waiter/Waitress Furniture Maintenance and Repair Occupations - Electrostatic Spray Painter - Furniture Handler	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31 11.47 7.91 14.51 8.52
05010 05040 05070 05100 05130 05160 05190 05220 05250 05280 05310 05340 05370 05400 07000 - (not s 07010 07041 07042 07070 07130 07250 09000 - 09010 09040 09070	- Automotive Glass Installer - Automotive Worker - Electrician, Automotive - Mobile Equipment Servicer - Motor Equipment Metal Mechanic - Motor Equipment Metal Worker - Motor Vehicle Mechanic - Motor Vehicle Mechanic Helper - Motor Vehicle Upholstery Worker - Motor Vehicle Wrecker - Painter, Automotive - Radiator Repair Specialist - Tire Repairer - Transmission Repair Specialist Food Preparation and Service Occupations set) - Food Service Worker - Baker - Cook I - Cook II - Dishwasher - Meat Cutter - Waiter/Waitress Furniture Maintenance and Repair Occupations - Electrostatic Spray Painter	15.85 15.85 16.58 14.24 17.42 15.85 17.16 13.40 15.07 15.85 16.58 15.85 13.76 17.42 8.47 12.43 10.31 11.47 7.91 14.51 8.52

09110 - Furniture Repairer, Minor 09130 - Upholsterer	15.07 16.58
11030 - General Services and Support Occupations 11030 - Cleaner, Vehicles	9.18
11060 - Elevator Operator	9.07
11090 - Gardener	11.37
11121 - House Keeping Aid I	8.43
11122 - House Keeping Aid II	9.10
11150 - Janitor	9.10
11210 - Laborer, Grounds Maintenance	9.46
11240 - Maid or Houseman 11270 - Pest Controller	8.72 12.00
11300 - Refuse Collector	9.10
11330 - Tractor Operator	10.78
11360 - Window Cleaner	9.80
12000 - Health Occupations	3.00
12020 - Dental Assistant	14.14
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	13.68
12071 - Licensed Practical Nurse I	13.73
12072 - Licensed Practical Nurse II	15.40
12073 - Licensed Practical Nurse III	17.23
12100 - Medical Assistant	12.29
12130 - Medical Laboratory Technician	12.63
12160 - Medical Record Clerk	11.74
12190 - Medical Record Technician	14.14
12221 - Nursing Assistant I	7.98
12222 - Nursing Assistant II	8.97
12223 - Nursing Assistant III 12224 - Nursing Assistant IV	9.78 10.67
12250 - Pharmacy Technician	12.45
12280 - Phlebotomist	12.10
12311 - Registered Nurse I	15.21
12312 - Registered Nurse II	23.18
12313 - Registered Nurse II, Specialist	23.18
12314 - Registered Nurse III	27.72
12315 - Registered Nurse III, Anesthetist	27.72
12316 - Registered Nurse IV	28.18
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	16.91
13011 - Exhibits Specialist I	14.29
13012 - Exhibits Specialist II	17.69
13013 - Exhibits Specialist III	20.06
13041 - Illustrator I	15.26 18.89
13042 - Illustrator II 13043 - Illustrator III	21.42
13047 - Librarian	21.42
13050 - Library Technician	12.65
13071 - Photographer I	12.94
13072 - Photographer II	13.87
13073 - Photographer III	17.17
13074 - Photographer IV	20.92
13075 - Photographer V	25.30
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	8.18
15030 - Counter Attendant	8.18
15040 - Dry Cleaner	9.79

15070	- Finisher, Flatwork, Machine	8.18
15090	- Presser, Hand	8.18
15100	- Presser, Machine, Drycleaning	8.18
15130	- Presser, Machine, Shirts	8.18
15160	- Presser, Machine, Wearing Apparel, Laundry	8.18
15190	- Sewing Machine Operator	10.46
15220	- Tailor	11.23
15250	- Washer, Machine	8.88
19000 -	Machine Tool Operation and Repair Occupations	
19010	- Machine-Tool Operator (Toolroom)	16.58
19040	- Tool and Die Maker	22.00
21000 -	Material Handling and Packing Occupations	
21010	- Fuel Distribution System Operator	15.66
21020	- Material Coordinator	16.58
21030	- Material Expediter	16.58
21040	- Material Handling Laborer	12.22
	- Order Filler	11.94
21071	- Forklift Operator	14.15
	- Production Line Worker (Food Processing)	14.51
	- Shipping/Receiving Clerk	13.40
	- Shipping Packer	13.43
	- Store Worker I	10.30
	- Stock Clerk (Shelf Stocker; Store Worker II)	13.17
	- Tools and Parts Attendant	14.51
	- Warehouse Specialist	14.51
	Mechanics and Maintenance and Repair Occupations	
	- Aircraft Mechanic	18.27
	- Aircraft Mechanic Helper	14.51
	- Aircraft Quality Control Inspector	20.09
	- Aircraft Servicer	16.58
	- Aircraft Worker	17.44
	- Appliance Mechanic	17.42
	- Bicycle Repairer	13.76
	- Cable Splicer	22.03
	- Carpenter, Maintenance	18.60
	- Carpet Layer	17.44
	- Electrician, Maintenance	23.60
	- Electronics Technician, Maintenance I	13.33
	- Electronics Technician, Maintenance II	19.94
	- Electronics Technician, Maintenance III	22.98
	- Fabric Worker	15.12
	- Fire Alarm System Mechanic	19.16
	- Fire Extinguisher Repairer	15.59
	- Fuel Distribution System Mechanic	19.16
	- General Maintenance Worker	15.85
	- Heating, Refrigeration and Air Conditioning Mechanic	17.45
	- Heavy Equipment Mechanic	18.86
	- Heavy Equipment Operator	19.34
	- Instrument Mechanic	19.34
	- Laborer	10.12
	- Locksmith	16.58
	- Machinery Maintenance Mechanic	18.23
	- Machinist, Maintenance	20.34
	- Maintenance Trades Helper	13.40
	- Millwright	19.16
	- Office Appliance Repairer	18.24
23/00	office whatter	10.24

23740 - Painter, Aircraft 23760 - Painter, Maintenance 23790 - Pipefitter, Maintenance 23800 - Plumber, Maintenance 23820 - Pneudraulic Systems Mechanic 23850 - Rigger 23870 - Scale Mechanic	17.39 16.58 21.36 19.07 19.16 19.16
23890 - Sheet-Metal Worker, Maintenance 23910 - Small Engine Mechanic 23930 - Telecommunication Mechanic I 23931 - Telecommunication Mechanic II 23950 - Telephone Lineman 23960 - Welder, Combination, Maintenance 23965 - Well Driller	17.81 15.85 18.65 19.55 19.16 17.42 18.59
23970 - Woodcraft Worker 23980 - Woodworker 24000 - Personal Needs Occupations	20.02
24570 - Child Care Attendant 24580 - Child Care Center Clerk 24600 - Chore Aid 24630 - Homemaker	9.95 13.04 8.69 14.74
25000 - Plant and System Operation Occupations 25010 - Boiler Tender 25040 - Sewage Plant Operator 25070 - Stationary Engineer 25190 - Ventilation Equipment Tender 25210 - Water Treatment Plant Operator 27000 - Protective Service Occupations	19.33 17.51 19.33 14.51 18.33
<pre>(not set) - Police Officer 27004 - Alarm Monitor 27006 - Corrections Officer 27010 - Court Security Officer 27040 - Detention Officer 27070 - Firefighter 27101 - Guard I 27102 - Guard II</pre>	21.06 14.91 19.51 19.84 19.84 20.30 10.58 13.92
28000 - Stevedoring/Longshoremen Occupations 28010 - Blocker and Bracer 28020 - Hatch Tender 28030 - Line Handler 28040 - Stevedore I 28050 - Stevedore II	17.75 17.75 17.75 16.16 17.64
29000 - Technical Occupations 21150 - Graphic Artist 29010 - Air Traffic Control Specialist, Center (2) 29011 - Air Traffic Control Specialist, Station (2) 29012 - Air Traffic Control Specialist, Terminal (2) 29023 - Archeological Technician I 29024 - Archeological Technician II 29025 - Archeological Technician III 29030 - Cartographic Technician 29035 - Computer Based Training (CBT) Specialist/ Instructor 29040 - Civil Engineering Technician 29061 - Drafter I 29062 - Drafter III	18.88 29.00 19.99 22.02 12.80 14.30 17.69 18.61 20.79 18.70 11.59 13.33 14.29

0000	5. 6	10.00
	- Drafter IV	17.69
	- Engineering Technician I	12.53
	- Engineering Technician II	14.08
	- Engineering Technician III	16.67
	- Engineering Technician IV	20.03
29085	- Engineering Technician V	25.70
29086	- Engineering Technician VI	28.56
29090	- Environmental Technician	16.80
29100	- Flight Simulator/Instructor (Pilot)	25.23
	- Instructor	20.77
29210	- Laboratory Technician	15.90
	- Mathematical Technician	18.87
	- Paralegal/Legal Assistant I	14.69
	- Paralegal/Legal Assistant II	20.92
	- Paralegal/Legal Assistant III	25.59
	- Paralegal/Legal Assistant IV	30.97
	- Photooptics Technician	18.87
	- Technical Writer	23.25
	- Unexploded Ordnance (UXO) Technician I	18.43
		22.30
	- Unexploded Ordnance (UXO) Technician II	
	- Unexploded Ordnance (UXO) Technician III	26.72
	- Unexploded (UXO) Safety Escort	18.43
	- Unexploded (UXO) Sweep Personnel	18.43
	- Weather Observer, Senior (3)	17.63
	- Weather Observer, Combined Upper Air and Surface Programs (3)	
	- Weather Observer, Upper Air	15.90
	Transportation/ Mobile Equipment Operation Occupations	
31030	- Bus Driver	15.37
31260	- Parking and Lot Attendant	8.65
31290	- Shuttle Bus Driver	11.32
31300	- Taxi Driver	9.68
31361	- Truckdriver, Light Truck	11.32
	- Truckdriver, Medium Truck	16.91
	- Truckdriver, Heavy Truck	17.67
	- Truckdriver, Tractor-Trailer	17.67
	Miscellaneous Occupations	
	- Animal Caretaker	9.62
	- Cashier	10.02
	- Carnival Equipment Operator	9.71
	- Carnival Equipment Repairer	10.31 7.91
	- Carnival Worker	
	- Desk Clerk	10.45
	- Embalmer	18.43
	- Lifeguard	9.68
	- Mortician	18.61
	- Park Attendant (Aide)	12.16
	- Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	10.59
	- Recreation Specialist	14.49
	- Recycling Worker	12.29
99610	- Sales Clerk	10.65
99620	- School Crossing Guard (Crosswalk Attendant)	10.01
99630	- Sport Official	9.68
	- Survey Party Chief (Chief of Party)	20.22
	- Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	16.33
	- Surveying Aide	11.92
	- Swimming Pool Operator	14.51
22020		

99720 - Vending Machine A	Attendant	12.29
99730 - Vending Machine B	Repairer	14.51
99740 - Vending Machine B	Repairer Helper	12.29

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:
HEALTH & WELFARE: \$2.36 an hour or \$94.40 a week or \$409.07 a month
VACATION: 2 weeks paid vacation after 1 year of service with a contractor or
successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service
includes the whole span of continuous service with the present contractor or
successor, wherever employed, and with the predecessor contractors in the
performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)
HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther
King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day,
Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A
contractor may substitute for any of the named holidays another day off with pay in
accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)
THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as
numbered):

- 1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)
- 2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.
- 3) WEATHER OBSERVERS NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work). HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges. A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to
- represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

  \*\* UNIFORM ALLOWANCE \*\*

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to

this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

\*\* NOTES APPLYING TO THIS WAGE DETERMINATION \*\*

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

## Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper. When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the

DACW57-02-Q-0139 0006 Page 100 of 100

wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination. &&&&&&&